

Title (en)
METHOD FOR MANUFACTURING LAMINATE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES LAMINATS

Title (fr)
PROCÉDÉ DE FABRICATION DE STRATIFIÉ

Publication
EP 4180221 A1 20230517 (EN)

Application
EP 20945222 A 20200717

Priority
JP 2020027896 W 20200717

Abstract (en)
A method for manufacturing a laminate, the method comprising a process of forming a silver-particle layer on a substrate, the process comprising allowing an aqueous solution of ammoniacal silver nitrate to contact with an aqueous solution of a reducing agent, and the aqueous solution of a reducing agent comprising a phenol compound as the reducing agent.

IPC 8 full level
B32B 15/02 (2006.01); **B05D 5/12** (2006.01)

CPC (source: EP US)
B05D 1/38 (2013.01 - US); **B05D 5/12** (2013.01 - US); **B05D 7/24** (2013.01 - US); **C23C 18/44** (2013.01 - EP); **B05D 1/12** (2013.01 - EP); **B05D 5/12** (2013.01 - EP); **B05D 2601/10** (2013.01 - EP); **C23C 18/2086** (2013.01 - EP); **C23C 18/285** (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4180221 A1 20230517; **EP 4180221 A4 20230823**; CN 116133759 A 20230516; JP 2024003078 A 20240111; JP 7380887 B2 20231115; JP WO2022014050 A1 20220120; US 2023278070 A1 20230907; WO 2022014050 A1 20220120

DOCDB simple family (application)
EP 20945222 A 20200717; CN 202080104820 A 20200717; JP 2020027896 W 20200717; JP 2022536101 A 20200717; JP 2023187787 A 20231101; US 202018016019 A 20200717